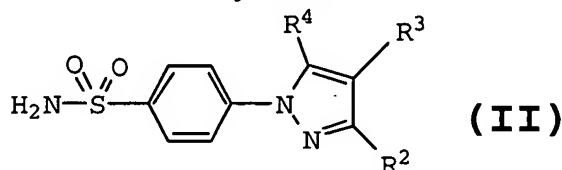


# SUBSTITUED PYRAZOLYL BENZENESULFONAMIDES FOR THE TREATMENT OF INFLAMMATION

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## ABSTRACT

A class of pyrazolyl benzenesulfonamide compounds is described for use in treating inflammation and inflammation-related disorders. Compounds of particular interest are defined by Formula II:



- 10 wherein  $R^2$  is selected from hydrido, alkyl, haloalkyl, alkoxyacarbonyl, cyano, cyanoalkyl, carboxyl, aminocarbonyl, alkylaminocarbonyl, cycloalkylaminocarbonyl, arylaminocarbonyl, carboxyalkylaminocarbonyl, carboxyalkyl, aralkoxyacarbonylalkylaminocarbonyl, amioncarbonylalkyl, alkoxyacarbonylcycloalkenyl and hydroxyalkyl; wherein  $R^3$  is selected from
- 15 hydrido, alkyl, cyano, hydroxyalkyl, cycloalkyl, alkylsulfonyl and halo; and wherein  $R^4$  is selected from aralkenyl, aryl, cycloalkyl, cycloalkenyl and heterocyclic; wherein  $R^4$  is optionally substituted at a substitutable position with one or more radicals selected from halo alkylthio, alkylsulfonyl, cyano, nitro, haloalkyl, alkyl, hydroxyl, alkenyl, hydroxyalkyl, carboxyl, cycloalkyl,
- 20 alkylamino, dialkylamino, alkoxyacarbonyl, aminocarbonyl, alkoxy, haloalkoxy, sulfamyl, heterocyclic and amino; provided  $R^2$  and  $R^3$  are not both hydrido; further provided that  $R^2$  is not carboxyl or methyl when  $R^3$  is hydrido and when  $R^4$  is phenyl; further provided that  $R^4$  is not triazolyl when  $R^2$  is methyl; further provided that  $R^4$  is not arakenyl when  $R^2$  is carboxyl, aminocarbonyl or
- 25 ethoxyacarbonyl; further provided that  $R^4$  is not phenyl when  $R^2$  is methyl and  $R^3$  is carboxyl; and further provided that  $R^4$  is not unsubstituted thienyl when  $R^2$  is trifluoromethyl; or a pharmaceutically-acceptable salt thereof.

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